

DESIGN AND CONSTRUCTION GUIDELINES AND STANDARDS

DIVISION 7 • THERMAL & MOISTURE PROTECTION

07 46 00 • PREFINISHED METAL TRIM

SECTION INCLUDES

Pre finished Metal Trim

RELATED SECTIONS

06 10 00 - Rough Carpentry

07 40 00 - Siding

07 20 00 – Building Insulation

07 30 00 – Asphalt Shingles

07 45 00 – Gutters and Downspouts

DESIGN

DO NOT USE prefinished metal on Corner Boards.

Extruded Aluminum or composite products such as cellular PVC are preferred for corner boards.

Design adequate expansion joints or design profiles to minimize buckling.

Metal with a face width over 6" should have an expansion break to prevent oil canning.

MATERIALS

Specify .024 inch minimum material that can be bent in the field and does not require shop fabrication.

Specify prefinished nails.

EXECUTION

Locate laps and seams so as to shed water and prevent penetrating the system causing damage to the substructure.

Overlap seams a minimum of 2 inches

Avoid face nails. Use slotted nail holes when fastening to prevent oil canning and buckling. Never put nails through two layers of aluminum. Use prefinished nails

Require lengths to be as long as possible to eliminate joints minimum length should be 4 feet.

Where unavoidable all joints should be slip joints

Do Not put prefinished aluminum over pressure treated (PT) lumber.